APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Transient Processes in a Long Uniform Line with a Nonlinear Resistive Load, by V. G. Karpov, 13 pp.

RUSSIAN, per, Radiotekh, Vol XIV, No 5, 1959, pp 34-43.

PP

150,045

Sci

Apr 61

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

An Experimental Solution of Several Questions of the Phytocoenology of the Spruce Forest, by V. G. Karpov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 3, 1960, pp 711-.

AIBS

Sci

139,707

Feb 61

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Action of Nuclear Radiation on Polymer Materials, by V. L. Karpov, A. S. Kuzminskiy. /0/

RUSSIAN, per, Trudy Vsos Konf po Primen Radioaktivnykh i Stabilnykh Izoto pov i Izluchenly v Narodnom Khoz i Nauke Izotopy i Izlucheniya v Khimly 1957, 1958, pp 138-140.

AIR/FTD/HT-23-688-68

V. L. Karpov

Sci-Phys
Apr 69

380,362

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

The Action of Nuclear Radiation on High Polymeric Compounds, by V. L. Karpov, 19 pp.

Full translation.

RUSSIAN, bk, Conference on Peaceful Uses of Atomic Energy Academy of Sciences USSR, 1-5 Jul 1955, Session of the Div of Chemical Science,

TRP 3-22 35,389

GPO Consultants Bureau
259 West 14th St,
New York 11, N.Y.

Sci - ~~Nuclear Physics~~ Chemistry
#87 rpts for $350.00

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

11 174 GE-1

KARPOV V. L., ZVEREV B. I.

Change of order degree in crystalline polymers under the effect of high-energy radiation

Die Anderung des Ordnungsgrades in kristallinen Polymeren unter Einwirkung energiereicher Strahlung

"Sbornik rabot po radiatsionnoi khimii", 245-253
Akademie Verlag, Berlin (1960)

German

Euratom

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

AEC-tr-4497(p.167-8) Uncl.

EFFECT OF NUCLEAR RADIATION ON POLYMERIC MATERIALS. V. L. Karpov, A. S. Kuz'minskii, and Yu. S. Lazurkin. Translated from Trudy Vsesoyuz. Nauch.-Tekh. Konf. po Primenen. Radioaktiv. i Stabil. Izotopov i Izluchenii v Narod. Khoz. i Nauke, Moscow, 1957 (1958). Izotopy i Izlucheniya v Khim., p.139-40.

C-4 P NSA

N-5

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Efficiency of 56-12st Bits, by V. N. Polyakov, V. M. Karpov, 5 pp.

RUSSIAN, per, Neftyanoye Khoz (USSR), Vol XXXVI, No 5, 1958, pp 19-22.

Assoc Tech SR
44K26R

Sci Engineering
Apr 59
OTS, V. I, No 5

86,182

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Instrument for Checking the Thickness of Materials by Means of Radioactive Preparations, by V. M. Karpov
4 pp.

RUSSIAN, per, Zavod Lab, Vol XXVI, No 11, 1960, pp ~~123~~ 1312-1315.

ISA

Sci

Jul 61

157,721

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

The Effect of Pressure on the Rate of Laminar and Turbulent Combustion, by V. P. Karpov, A. S. Sokolik, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 6, 1960, pp 1341-1343.

CB

Sci

Apr 61

149,146

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

IGNITION LIMITS IN TURBULENT GAS MIXTURES, BY V. P. KARPOV, A. S. SOKOLIK, 3 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, NO 2, M 1961, PP 393-396.

CB

SCI - PHYS CHEM

SEP 62

209,629

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

The Effects of Temperature and Luminosity ... on the Rate of Turbulent Combustion, by A. Sokolik, V. P. Karpov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, 1959, pp 168-171.

CB

Sci

Oct 60

130,079

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Precombustion Chamber Jet Ignition as the Basis of a New Engine Process, by A. S. Sokolnik, V. P. Karpov, 20 pp.

RUSSIAN, rpt, Proceedings of the 1958 Conference "Combustion and Fuel Injection in Diesel Engines", 1960, pp 125-142.

CIA/FDD X-4774

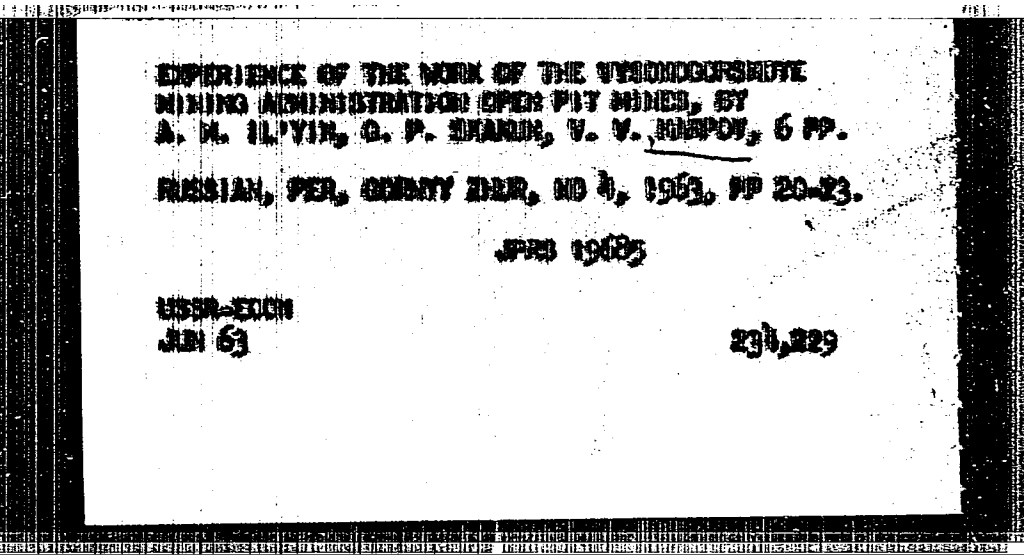
Sci - Engr., Chem

175, 629

Dec 61

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8



EXPERIENCE OF THE WORK OF THE VYSOKOGORSKOYE
MINING ADMINISTRATION OPEN PIT MINES, BY
A. M. IL'YIN, G. P. SHARUN, V. V. KUMPOV, 6 PP.

RUSSIAN, PER. GORNYY ZHUR, NO 4, 1963, PP 20-23.

APR 1963

UNCLASSIFIED
JUN 63 294,329

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Derivatives of Nitrodiphenylamine for Dyeing of Acetate and Synthetic Fibers. By V. A. Lavrishchev, and V. V. Karpov, p. 6

RUSSIAN, per, Zhur Prik Khim, Vol XXXV, No 8, 1962, pp. 1831-1836

CB

Sci

340, 805

Jun 63

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

2-Anilino-1, 4-Naphthoquinones, by L. Kh. Vinograd, V. V. Karpov, 5 pp.

RUSSIAN, per, Zhur, Prik Khim, Vol XXXIV, No 12, 1961, pp 2775-2799.

CB

Sci 214,330

Oct 62

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

66

A Study of the Adsorption of Leucoindigo and Leucothioindigo by Various Substrates, by V. V. Karpov.
RUSSIAN, per. Zh. Vses. Khim. Obshchestva, Vol IX, No 1, 1964, pp 117-119.
ATS RJ-4695

V. V. Karpov

Sci-Phys
Jul 67

329,118

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Design and Investigation of Rectifier Circuits With Voltage Doubling, by Ye. A. Karpov, 6 pp.

RUSSIAN, per, Radiotekh, Vol XVII, No 3, 1962.

AIEE

Sci
Sep 62'

211,685

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Contraindications to Oxygen Respiration under Increased Pressure, by [illegible] V. Buyanov, A. V. Galkin, Ye. A. Karpov, N. V. Samukhin, V. G. Terent'yev, A. I. Shevchenko

RUSSIAN, mo per, Voyenno Med Zhur, No 11, Moscow, Nov 1960, pp 64-68

US JPRS 7993

Sci
Apr 61

144,874

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

An Unusual Motor, by Yu. Karpov, V. Krasnoperov, Yu. Chunov, 5 pp.

RUSSIAN, per, Tekhnika Molodezhi, No 9, 1958, 2 pp. CIA 642510

AFTC F-TS-9727/III

Sci - Engr

Dec 58

77,986

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Colloidal-Chemical Processes in Storage of Food Products, by Karpova, et al, 5 pp.
FOR OFFICIAL USE ONLY
RUSSIAN, per, Iz Vyssh Uchebn Zaved Pishchev Tekh,
No 2, 1964, pp 21-25. 9893994
FSTC 351-T65-580
I-5041
ID 2304035265

Karpova

Sci - Chem
Jun 66 294,170

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Features of the Development and Injuriousness of the Fritt Flies Oscinella Pusilla Mg. and O Frit. L. (Diptera, Chloropidae) on Maize in Nonchernozem Regions, by A. I. Kurpova, 6 pp.

RUSSIAN, per, Entomolog Oboz, Vol XXXVII, No 4, 1958, pp 812-819.

AIBS

Sci -
Jan 61

137,072

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Development and Food Relationships of the European Corn Borer Pyrausta nubilalis Hb, (Lepidoptera, Pyralidae) in New Regions of Maize Cultivation, by A. L. Karpova, 8 pp.

RUSSIAN, per, Entomolog Oboz, Vol XXXVIII, No 4, 1959, pp 724-733.

AIBS
136,251

Sel

Jan 61

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

On the Photographic Activity of Gelatin, by A. L. Karpova, A. A. Mikhailova, K. B. Chibisov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 1, 1958, pp 133-135.

Consultants Bureau

Sci - Phys

Sep 59

97676

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

The Trachyandesitic Association of Volcanic and Subvolcanic Strata of the Radam River (Karzhan-Tau Ridge), by E. D. Karpova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 4, 1957, pp 881-884.

Consultants Bureau

Sci - Geophysics
Jul 58

66,715

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Preparation and Properties of Acidic Monoazo Dyes,
by L. N. Nikolenko, O. I. Eremina, E. N. Karpova,
6 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIII, No 7, 1960,
pp 1617-1622.

CB

165, 710

Sci

Aug 61

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Peculiarities in the Course of Infective Processes Associated with the Action of Ionizing Radiation on the Body, by P. N. Kiselev, V. N. Sivertseva, E. V. Karpova, 9 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiol i Immunobiol, Vol XXIX, No 10, 1958, pp 21-25.

Pergamon Inst

Sci - Med
Jun 59

89,242

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Heterochain Polyesters, Communication 6, Mixed Ethylene Glycol Polyesters of Two Dicarboxylic Acids, by V. V. Korshak, V. V. Golubev, G. V. Karpova, 8 pp.

RUSSIAN, per; Iz Ak Nauk SSSR, Otdel Khim Nauk, No 1, 1958, pp 88-95.

Consultants Bureau

Sci - Chem

May 59

86,874

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Clay Minerals of the Araucarites Formation in the Donets Basin and Their Meaning for Facies Characterization, by G. V. Karpova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 6, May-Jun 1957, pp 1294-1296.

2

Consultants Bureau

Sci - Geophysics
Aug 58

69, 367

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

12 717

Fr-1

KARPOVA I. F., LEONOVA T. G., LOGVINOVA N. A., SMIRNOVA V. N.

Ion exchange properties of membranes and precipitates of copper ferrocyanides

Propriétés d'échange ionique des membranes et des précipités des ferrocyanures de cuivre

Vestn. Leningradsk. Univ., 14, No. 22, 97-103 (1959)

R. 1064 - French

Euratom

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Some Data on the Hydrocarbons in Dispersed Organic Material/Yu. N. Petrova, I. P. Karpova and Yu. A. Mandrykina, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVIII, No 5, pp 885-888.

Consultants Bureau

43,151

Chem - Geophys
Jan 57 CTS

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Thallium in Ore Minerals of the Verkhnyaya Kvaisa,
by N. T. Voskresenskaya, I. S. Karpova, 8 pp.

RUSSIAN, per, Geokhim, No 5, 1958, pp 435-440.

Geochemical Society

Sci - Geophys

Jun 59

89,629

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Reversible Changes in the Gaseous Permeability of Polymers During γ - irradiation, by M. S. Tikhomirova, Yu. M. Malinskiy, V. L. Karpov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 5, 1960, pp 1081-1084.

CB

149,771

Sci

Apr 61

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

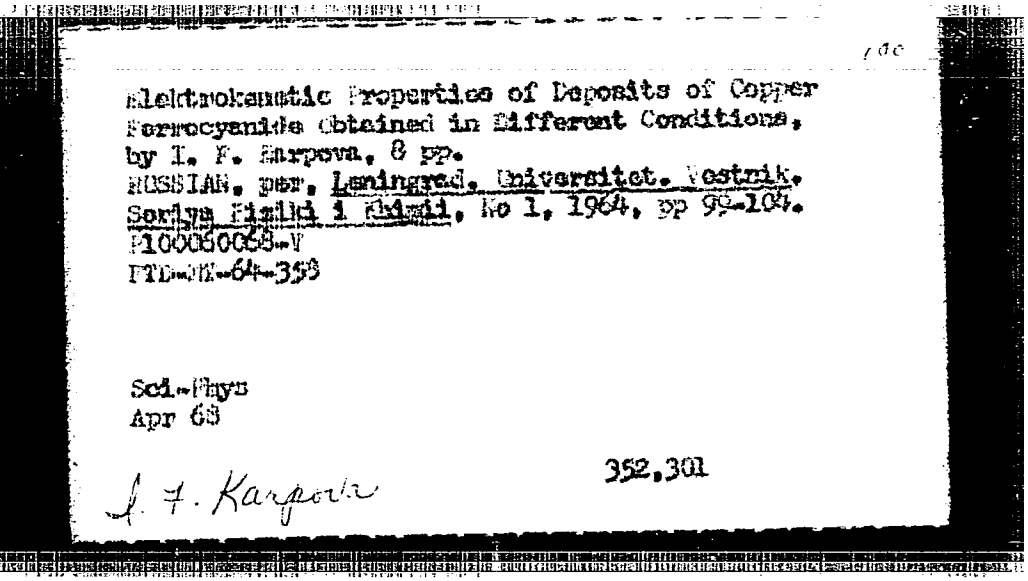
Clay Minerals in Continental Neogene Sediments of the Dnieper-Donets Trough, by G. V. Karpova, G. I. Kulesko, & 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science Sections, Vol CL, No 1-6, May, Jun 1963.

Amer Geol Inst

Sci
Jul 65

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8



Electrokinetic Properties of Deposits of Copper Ferrocyanide Obtained in Different Conditions, by I. F. Karpova, 8 pp.
RUSSIAN, per. Leningrad. Universitet. Vestnik. Seriya Fiziki i Khimii, No 1, 1964, pp 99-104.
P100060068-V
FTD-MT-64-353

Sci-Phys
Apr 68

I. F. Karpova

352.301

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Electron and Hole Lifetimes in Highly Doped Germanium
By I.V. Karpova, S.G. Kalashnikov pp5

RUSSIAN. zur, Fizika Tverdoto Tela, Vol V, No 1, 1963, pp301-307

Amer Inst of Phys
Sov Phys - Solid State
Vol V, No 1

Sci

Sep 63

344, 723
~~344, 323~~

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Recombination Properties of Gold In n-Germanium.
By I. V. Karpova, V. G. Alekseyeva, 6 ff.

RUSSIAN, par, Fiz Tverdogo Tela, Vol IV, No 3, 1962, pp 634 - 641

Amer Inst of Phys
Sov Phys - Solid State
Vol IV, No 3

Sel

Jun 63

342,575

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Effect of Group III and V Elements on the Lifetime
Recombination Rate in Germanium, by V. G. Alekseyevn,
S. G. Kalashnikov, L. P. Kalnach, I.V. Karpova,
A. I. Morozov, 8 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVII, No 9, 1957
pp 1931-1939

Amer Inst of Phys
Sov Phys-Tech Phys
Vol II, No 9

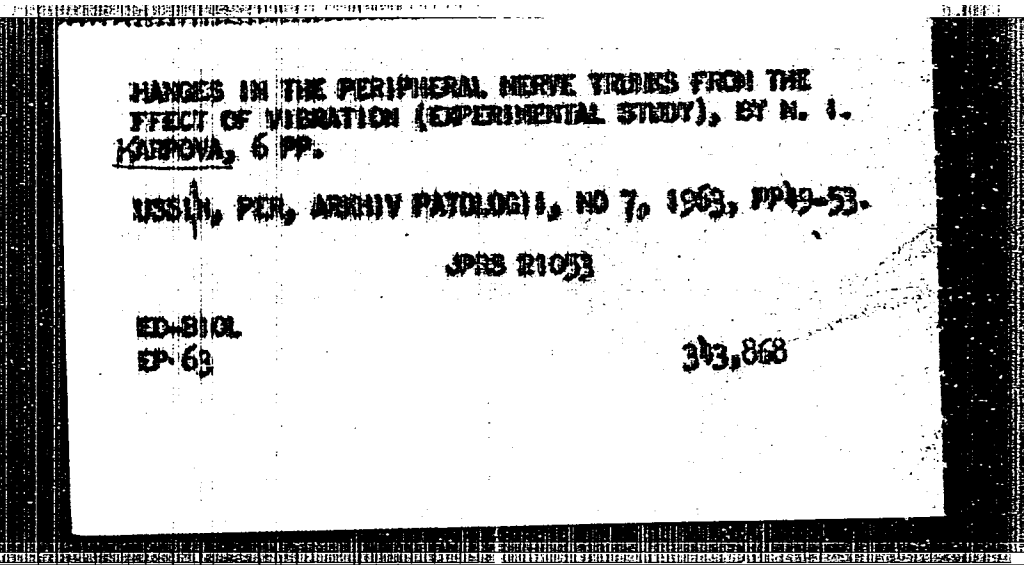
Sci-Phys

Jan 58

65,213

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8



HANGES IN THE PERIPHERAL NERVE TRUNKS FROM THE FFECT OF VIBRATION (EXPERIMENTAL STUDY), BY N. I. KARPOVA, 6 PP.

USSR, PER, ARKHIV PATOLOGII, NO 7, 1963, PP49-53.

JPRS 21053

ED-BIOL
EP 62

343,868

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

(DC-4459)

The Best Stakhanovite of the Adjustment Crew, by K. P. Ogurchikov, V. A. Karpova, 5 pp.

RUSSIAN, per, Vestnik Svyazi, No 11, 1948, pp 18-19.

JPRS 6447

Sci

Jan 61

136,190

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Heterochain Polyesters. Communication 15. Mixed 1,4-Butanediol Polyesters of Two Dicarboxylic Acids, by V. V. Korshak, V. V. Golobev, G. V. Karpova, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 3, 1959, pp 540-545.

CB.

Sci -
May 61

153,046

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

The Mineralogy and Petrography of the Tavrida Formation in the Crimea, by N. V. Logvinenko, [illegible] V. Karpova, K. G. Shandyba, 4 pp.

RUSSIAN, [illegible], Dok Ak Nauk SSSR, Vol CXXIV, No 4, 1959, pp 9[illegible]4.

AGI
155, 358

Sci

Jun 61

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Recombination at Gold Atoms in p-Germanium, by V. G. Alekseyeva, I. V. Karpova, S. G. Kaleshnikov, 7 pp.

RUSSIAN, per, Fizika Tverdogo Tela, Vol III, No 3, 1961, pp 964-971.

AIP
Soviet Phys
Vol III, No 3

Sci

168, 719

Sep 61

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Automatic Welding of a Frame Unit for the S-100 Tractor, by I. F. Kobzev, N. A. Karpova, 4 pp.

RUSSIAN, per, Svaroch Proiz, No 6, 1960, pp 30, 31.

BWRA

Sci

Jun 61

158, 494

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

A possible Example of Anomalous Decay of a Hyperfragment, by A. A. Varfolomeyev, R. I. Gerasimova, L. A. Karpova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CX, No 1, 1956, pp 758-
5

Amer Inst of Phys
Sov Phys - "Doklady"
Vol I, No 5

Sci. - Physics
Aug 57

57,357

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

K-Meson Decay of a Slow Secondary Particle, by A. A. Varfolomeyev, R. I. Gerasimova, L. A. Karpova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CX, No 6, pp 959-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 5

Sci - Phys
Aug 57

51, 361

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

On Contact Networks for Monotonic Functions,
by N. A. Karpova, 4 pp.

RUSSIAN, per, Doklady Akad. Nauk, Vol CXXIII,
No 1, Nov 1958, pp 25-27.

Automation Express
Vol I, No 6
Internat'l Physical Index

Sci
Jun 59

AVAILABLE BR 5.
LIBRARY

90, 413

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Centers of Recrystallization in Deformed Zinc Monocrystals, by V. D. Kuznetsov; M. P. Karpova

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol V, No 2, 1935, pp 202 - 208.

AEC Tr 587

Sci - Physics

A 4905

Sep 1951 GTS

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Heat of Formation of Uranyl Fluoride and Heat of Reaction of Uranium Hexafluoride and Tetrafluoride With Water, by M. M. Popov, F. A. Kostuilev, T. F. Karpova, 7 pp. UNCLASSIFIED

RUSSIAN, per, Zhur Neorgan Khim, Vol II, No 1, 1957, pp 9-12.

Sci Mus Lib Tr 58/0090

93 356

Sol - Chem
Sep 58

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

On the Types of Terrigenous Flysch in the Tavrida Formation in the Crimea, by N. V. Logvinenko, V. G. Karpova, K. G. Shandyba, D. P. Shaposhnikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 3, 1958, pp 531-534.

CB

Sci
Nov 59

101, 011

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Standard Hyperimmune Sera of Rabbits for the Determination of the Foot-and-Mouth Disease Virus by Means of the CFT, by M. P. Bazylev, S. I. Volnov, M. B. Karpovh.

RUSSIAN, per, Veterinariya, Vol XXXVII, No 1, 1960, pp 33-35. CIA 9048332

USDA

Sci - Medicine
Apr 60

114464

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

(NY-2900/65)

The AMUR Type Machine for the Multiple-Point Automatic Regulation of Temperature, by G. M. Kasatkina, V. K. Novik, A. V. Karpov-Giprokholod, V. S. Uzhanskiy, 9 pp.

RUSSIAN, per, Kholodil'naya Tekh, No 1, Jan/Feb 1961, pp 11-15.

JPRS 9961

USSR

Econ

166.795

Sep 61

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Nuclear Capture of a Negative Heavy Meson, by E. A. Zamchalova, V. I. Karpova, M. I. Tret'yakova, 1 pp.

RUSSIAN, bimo per, Zhur Eksper i Teoret Fiz, Vol XXIX, Aug 1955, pp 245. CIA C 41569

American Inst of Physics

Scientific - Physics
May 56 CXS/dex

33,577

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Aromatic Compounds With a Long Side Chain. III. Reduction of Alkyl 4-Aminophenyl Ketones by a Modification of the Kizhner Method, by L. N. Nikolenko, E. N. Karpova, V. A. Khodak, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 3, 1960, pp 1028-1030.

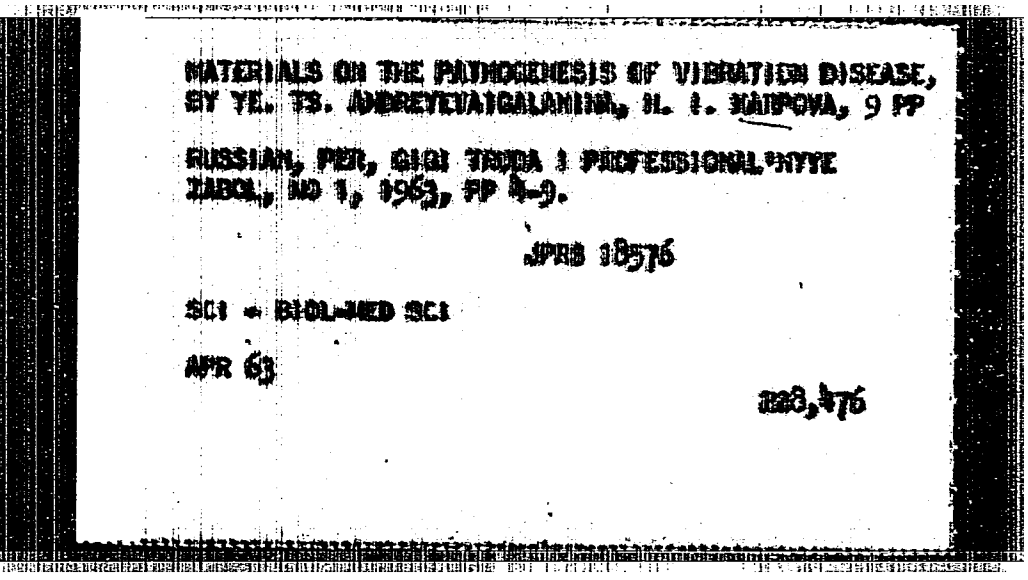
CB

Sci -
Apr 61

147,597

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8



MATERIALS ON THE PATHOGENESIS OF VIBRATION DISEASE,
BY TE. TS. ABDREYEVAIGALANINA, N. I. NAUMOVA, 9 PP

RUSSIAN, PER, GIGI TRUDA I PROFESSIONAL'NYYE
ZABOL, NO 1, 1963, PP 4-9.

JPRS 18576

SCI - BIOL-MED SCI

APR 63

228,476

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

KARPOVICH, E. A.
FRANKL, F. I.

Resistance of a Delta Wing in a Supersonic Flow, 5 pp. UNCLASSIFIED

RUSSIAN, Prik Matemat i Mekh, Vol XI, No 4, 1947, pp 495 - 496.

NACA TM 1283
Brown Univ A9-T-12 for AMC. No AMC No.

PA 8T45.

A 2690

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Measurement of the Photoelectric Yield of the External Photoeffect under the Action of X-Rays in the Wavelength Range 1.54-19.3 A, by A. P. Lukirskiy, M. A. Rumsh, I. A. Karpovich, 3 pp

RUSSIAN, per, Optika i Spektro, Vol IX, No 5, 1960, pp 653-657

OSA

Sci
May 61

151/061

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

High-Voltage Photo-emf in Sb_2S_3 Films, by
AI. A. Karpovich, M. V. Shilova, 6 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol V, No 12,
1963, pp 3560-3568.

Amer Inst of Phys
Sov Phys - Solid State
Vol V, No 12

Sci
Jul 64

262,399

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Karpovich, I. A. and Vartanyan, A. T.
BARRIER-LAYER PHOTOELECTROMOTIVE FORCE OF PHOTOELECTRIC CELLS WITH DYES, tr. by Carlo A. Bauman. [1960] [7]p. 6 refs. T-2807; M 2549. Order from LC or SLA mi$1.80, ph$1.80 61-15618

Trans. of Akademiya Nauk SSSR. Doklady, 1957, v. 117, no. 1, p. 57-60.

Semitransparent metallic layers (Pt, Au, Rh) coated on quartz plates, were used in the photoelectric cell, both as the front and back electrodes. The dependence of E_{ω} upon L is described by the equation $E_{\omega} = A \ln (1 + BL)$, where A and B are constants. The dependence of I_0 upon L within the range of the ratio of change in illuminance, 1:100, is approximated satisfactorily by the equation $I = kL^n$, in which n ordinarily equals 0.4 to 0.8. Measurements with interference filters showed that maxima E and I_0 coincide approximately with the absorption maxima of dyes in the solid state.

(Engineering--Electrical, TT, v. 5, no. 7)

61-15618

1. Photoelectric cells--Electrical properties
2. Dyes--Electrical properties

I. Karpovich, I. A.
II. Vartanyan, A. T.
III. Trans-T-2807
IV. DSIR LLU M.2549

Office of Technical Services

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

The Photoconductivity of Dyed Organic Film When Exposed to Visible Light, by A. T. Vartanyan, I. A. Karpovich, 19 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXVIII, No 5, 1954, pp 856-864.

NRC C-3121

Sci
OTS, Vol III, No 7
Nov 60

133,115

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

On the Question of a Barrier-Layer Photoelectromotive Force in Photocells Containing Dyes, by I. A. Karpovich, A. T. Vartanian, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII, No 1, 1957, pp 57-60.

Amer Inst of Phys
Sov Phys - Doklady
Vol II, No 6

Sci - Physics
Jul 58

67,178

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Photoconductivity of Violanthrone and Pyranthrone, by A. T. Vartanian, I. A. Karpovich, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIII, No 5, 1957, pp 1020-1022.

Amer Inst of Phys
Sov Phys-Doklady
Vol II, No 2

58,165

Sci - Physics
Feb 1958

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Electrical Conductivity and Photoconductivity of Phthalocyanines, by A. T. Vartanian, I. A. Karpovich, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI, No 3, Nov-Dec 1956, pp 561-

Amer Inst of Phys
Sov Physics "Doklady"
Vol I, No 6

53 414

Sci - Physics
Oct 57

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Coupling-Ill Viruses in Tissue Culture, by L. G. Kurpovich, E. N. Levkovich, 6 pp.

RUSSIAN, per, Voprosy Virusologii, Vol IV, No 5, 1959, pp 566-571.

PP

Sci

Oct 60

130,556

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Comparative Study of the Viruses of the Tick-Borne Encephalitis Group in HeLa Cell Cultures, by E. N. Levkovich, L. G. Karpovich, 9 pp.

RUSSIAN, per, Voprosy Virusol, Vol V, No 1, 1960, pp 30-38.

PP

Sci -
Jan 61

135,297

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Cultivation of Viruses of the Tick-borne Encephalitis Group in SCTs Cells, by I. G. Karpovich, G. D. Zasukhina, 5 p.

RUSSIAN, per, Voprosy Virusologii, Vol IV, No 2, 1959, pp 213-218.

OTS 61-19716

Pergamon Press

Sci

114,851

Apr 60

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Variability of Wet Proteins in Clover Leaves in Connection with the Population, Age and Site of Growth, by A. S. Palamarchuk, N. F. Karpovich, 4 pp.

RUSSIAN, per, Fiz Rastenii, Vol V, No 1, 1958, pp 83-85.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

91,565

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Trial of a Trawler With a Controllable Pitch Propeller,
by V. A. Kharpovich UNCL

RUSSIAN, per, Sudostroyeniye, Vol XXVI, No 12, 1960.
pp 56 - 59.

Navy Tr 2840/BuShips 748
SLA 61-19520

USSR
Econ
Jul 61

160,694

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Role of Focusing Collisions in the Process of Radiation Annealing of Point Defects in Diamond, by I. V. Al'tovskiy, V. I. Karpukhin.
RUSSIAN, rpt, IAE-1091, 14 pp.
AEC TP-tr-1612

V. I. Karpukhin

Sci-Phys
Jul 68 357,354

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Importance of Artificial Nests for birds in wildc.;
by V. V. Karpovich, Ya. V. Sapetin, 4 pp.

RUSSIAN, bk, Puti i Metody Ispol'zovaniya Ptits v Bor'be s Vrednymi Nasekomymi, 1956.

OTS 60-51168
PL-480

146,258

Sci - Bio

Apr 61

PST No 117

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Readers Express Their Opinion on Logistic Duties, by P. Karpukhin, 5 pp.

RUSSIAN, mp, Krasnaya Zvezda, 23 May 1959.

525th MI Gp
H-4987-F
ID 2191517

USSR
MIL
16 Mar 62

188,255

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

(DC-5700)

Labor Productivity in the USSR and the U.S.,
by D. Karpukhin, 25 pp.

RUSSIAN, per, Mirovaya Ekon i Mezh Otnosheniya,
N o 1, 1962, pp 56-67.

JPRS 13695

USSR
Econ
May 62

195,937

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Relationship Between the Increase in Labor Productivity and Wages in the Seven-Year Plan Period, by D. Karpukhin, 6 pp.

RUSSIAN, per, Planovoye Khoz, No 1, 1960, p 27.

Interntl Arts & Sci Press
Problems of Economics
Vol III, No 2

USSR

Econ

Aug 60

123,493

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

METHOD OF ESTIMATING THE EFFICIENCY OF COLLECTIVE WORK, BY D. KARPUKHIN, 21 PP.

RUSSIAN, PER, PLANOVOYE KHOZYAYSTVO, NO 12, 1962, PP 37-44.

JPRS 17477

USSR
ECON
FEB 63

221,364

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Electrification of the National Economy and Increase in the Productivity of Social Labor, by D. Karpukhin, 7 pp.

RUSSIAN, per, Voprosy Ekon, No 4, 1959, pp 35-46.

Internatl Arts and
Sci Press
Vol XI, No 4

Oct 59

99,290

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Publicizing the Heroic Deeds of Navy Men, by N. Karpukhin, 4 pp.

RUSSIAN, np, Sovetskiy Patriot, 18 Jul 1962, p 2.

JPRS 16137

USSR
MIL
Nov 62

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Elastic γp Scattering at 40 - 70 Mev and the Polarizability of the Proton, by V. I. Gol'danskiy, O. A. Karpukhin, A. V. Kutsenko, et al, 10 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXVIII, No 6, 1960, pp 1695-1707.

AIP
Sov Phys-JETP
Vol XI, No 6

141,327

Sol

Mar 61

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

The Dependence of π^0-Photomeson Production Cross Sections on Atomic Number, by B. B. Govorkov, V. I. Gol'danskiy, O. A. Karpukhin, A. V. Kutsenko, V. V. Pavlovskaya, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXII, No 1, 1957, pp 37-40.

Amer Inst of Phys
Sov Phys, "Dokledy"
Vol II, No 1

56,937

Sci - Physics
Dec 57

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Determination of Energy Dependence of Efficiency of Registration of High-Energy Gamma-Rays, by V. I. Gol'danskiy, O. A. Karpukhin, V. V. Pavlovskaya, 4 pp

RUSSIAN, per, Pribory i Tekh Eksper, No 3, 1960, pp 23-25

IEA

Sci-
Feb 61

142,358

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Instrument For Measuring the Intensity Distribution in a Widened Pulse of Gamma-Radiation of a Synchrotron, by K. A. Belovintsev, O. A. Kerpukhin, A. M. Kuksenko, A. A. Shapkin, B. N. Yablokov, 7 pp.

RUSSIAN, per, Pribory i Tekhnika Eksperimenta, No 2, 1959, Moscow, pp 15-18.

USASIA SC-59c/59

Sci - Physics
Apr 60

114,346

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Elastic Scattering of Gamma Rays With Energy to 120 Mev by Protons, by B. B. Govorkov, V. I. Gol'danskiy, O. A. Karpukhin, A. V. Kutsenko, V. V. Pavlovskaya, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI, No 5, Nov-Dec 1956, pp 988-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

Sci - Physics
Oct 57

3-3, 399

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Chemiluminescence in Thermal Decomposition Reactions, by R. F. Vasil'ev, O. N. Karpukhin, V. Ya. Shlyapintokh, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 1, 1959, pp 106-109.

Consultants Bureau

Sci

114, 945

Apr 60

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Gaseous Initiation with Ozone in the Oxidation of Isooctane and Its Associated Chemiluminescence, by R. F. Vasil'ev, O. N. Karpukhin, V. Ya. Shlyapintokh, and N. M. Emanuel', 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 6, 1959, pp 1258-1260.

Consultants Bureau

Sci.

Feb 60

108/180

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Vinylation of Acenaphthene and Anthracene by Acetylene, by P. P. Parpukhin, Ex A. I. Levchenko, E. V. Dudko, 4 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIV, No 5, 1961, pp 1117-1121.

CB

Sol

185,993

Feb 62

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Vinylation of Cyclic Hydrocarbons, by P. P. Karpukhin, A. I. Levchenko, 5 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXII, No 6, 1959, pp 1354-1358.

CB

Sck
Jul 60

121,020

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8

Vinylation of Cyclic Hydrocarbons, by P. P. Karpukhin, A. I. Levchenko.

RUSSIAN, per, Zhur Prik Khim, Vol XXXII, No 6, 1959, pp 1354-1359.

ATS RJ-1907

Sci - Chem
Dec 59

104,084

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100250066-8